

Special Procedures–Procedures for Precleared Mangoes from the Philippines

Target Pests

- ◆ **Fruit Flies** (Tephritidae) Look for small punctures made by the female fruit fly to lay her eggs beneath the skin of the mango. Again, you must cut the fruit open to look for the feeding maggots.

Directions for Validating the PPQ Form 203 and Selecting the Sample

1. Ensure the PPQ Form 203 is accurately completed. Make sure the description of the shipment (numbers/name, etc.) agrees with the air waybill, bill of lading, invoice, and associated documents.
2. Verify that cartons are labeled to indicate USDA-approved vapor heat treatment.
3. Define your inspection lot. Each lot listed on a PPQ Form 203 will be considered one lot.
4. Determine the sample interval.
 - A. If the shipment is 30 or more boxes of fruit (considered a large shipment), then you must examine at least 30 mangoes. To determine the sample interval, divide the number of pallets, airline skids, or containers (air or maritime) into 30. If the result is a fraction, raise it to the nearest whole number.

EXAMPLE

A shipment of 1500 boxes: $1500 / 30 = 50$. The sampling interval is 50; therefore, 1 mango is sampled from every 50th box.

- B. If the shipment is **fewer than 30 boxes** (considered a small shipment) then the sample size must be at least 10 mangoes. Select 1 mango from 10 boxes. If the shipment is less than 10 boxes, select more than 1 mango from each box.
5. Select the sample. Select the number of boxes determined above from various positions throughout the inspection lot. Select 1 fruit from each of the 30 or more boxes. Pick the fruit most likely to be infested with fruit flies (look for ripeness, blemishes, and soft spots).

Directions for Inspecting the Sample

1. Cut open and examine the appropriate number of fruit (10 or more fruit for small shipments, 30 or more for large shipments). The target organism is fruit fly larvae (Tephritidae).

2. If your port has a seed guillotine, use that to cut the mango seed and inspect for seed weevils (Curculionidae, *Sternuchus mangiferae*).⁹



Never attempt to cut the mango seed with a knife. The knife could slip and seriously injure you.

Action to Take Based on the Results of Your Inspection

TABLE 2-40 Action to Take Based on the Results of Your Inspection

If:	And the insects are:	Then:
No pests are found	—————→	RELEASE the shipment
Only dead insects are found	Fruit flies	<ol style="list-style-type: none"> 1. RELEASE the shipment 2. NOTIFY the PPQ Regional Office and the QPAS Preclearance Staff through channels 3. PROVIDE the pertinent information regarding the specific shipment
	Mango seed weevils	<ol style="list-style-type: none"> 1. HOLD the shipment 2. NOTIFY the PPQ Regional Office and the QPAS Preclearance Staff through channels 3. PROVIDE the pertinent information regarding the specific shipment
Live insects are found	Fruit flies	<ol style="list-style-type: none"> 1. Tape the fruit back up to keep the insects inside and from escaping 2. Place the fruit inside a closed receptacle 3. PROHIBIT ENTRY to the shipment 4. IMMEDIATELY NOTIFY the PPQ Regional Office and the QPAS Preclearance Staff through channels 5. PROVIDE the pertinent information regarding the specific shipment
	Mango seed weevils	<ol style="list-style-type: none"> 1. PROHIBIT ENTRY to the shipment 2. IMMEDIATELY NOTIFY the PPQ Regional Office and the QPAS Preclearance Staff through channels 3. PROVIDE the pertinent information regarding the specific shipment

⁹ It is **not** mandatory that the seed be cut open. However, if you have the equipment, it would be helpful in monitoring for this pest.